

BUSINESS PROFILE

Advanced Energy (AE) has devoted more than three decades to perfecting power for its global customers. We design and manufacture highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

Our power solutions enable customer innovation in complex semiconductor and industrial thin film plasma manufacturing processes, demanding high and low voltage applications, and temperature-critical thermal processes.

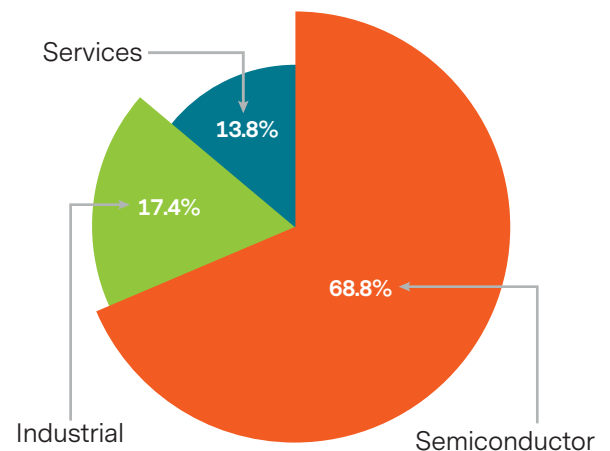
With deep applications know-how and responsive service and support across the globe, we build collaborative partnerships to meet rapid technological developments, propel growth for its customers and power the future of technology.

PRECISION | POWER | PERFORMANCE

CORPORATE OVERVIEW

Founded: 1981
Headquarters: Fort Collins, CO USA
Employees: 2200+
Q3 2018 Revenue: \$173.1 million USD
2017 Revenue: \$671 million USD
Nasdaq: AEIS
Phone: 800 446 9167 (U.S. only)
 +1 970 221 0108 (U.S. and International)
Website: www.advancedenergy.com

2017 REVENUE



KEY GROWTH APPLICATIONS

- Semiconductor
- Industrial coating
- Thin-film renewables (solar and glass)
- Data storage
- High-brightness LED (HBLED)
- Flat panel display and OLED
- Analytical instruments
- Medical equipment
- Aerospace and defense

Advanced Energy enables design breakthroughs for leading semiconductor and industrial customers.

PRODUCT PORTFOLIO

PROCESS POWER

DIRECT CURRENT

Applications: Semiconductors, FPDs, solar panels, data storage and advanced thin-film applications, including hard coatings and cathodic arc

LOW- AND MID-FREQUENCY

Applications: Semiconductors, solar panels and advanced thin-film applications

RADIO FREQUENCY

Applications: Semiconductors, FPDs, solar panels, advanced thin-film applications, etch and deposition

RF INSTRUMENTATION

Applications: Semiconductors, FPDs, solar panels, data storage and advanced thin-film applications

HIGH AND LOW VOLTAGE POWER

Applications: Semiconductor implantation and inspection, mass spectrometry, scientific, industrial and medical

THERMAL PRODUCTS

THERMAL MEASUREMENT

Applications: Semiconductors, solar panels and advanced packaging applications

THYRISTOR POWER CONTROL

Applications: Heating, melting, forming and drying

GLOBAL SERVICES

GLOBAL COVERAGE, LOCAL RESOURCES

Comprehensive repair, enhancement and used equipment programs for the complete lifecycle of products



Ascent[®] AMS and DMS



Onyx[®]



Paramount[®]



High Voltage



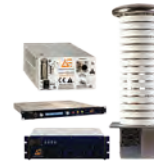
Thyro Family



Solvix[®]



Excelsys



HiTek Power[®]

LumaSense



Executive Management

Yuval Wasserman President and CEO

Tom McGimpsey EVP, General Counsel & Corporate Secretary

Neil Brinker EVP, Chief Operating Officer

Paul Oldham EVP, Chief Financial Officer

Isabel Yang SVP, Chief Technology Officer

Worldwide Locations

R&D Design Centers and Regional Manufacturing

Fort Collins, Colorado · Vancouver, Washington · Santa Clara, California
 Ronkonkoma, New York · Frankfurt, Germany · Pune, India
 Shenzhen, China · Villaz-St-Pierre, Switzerland · Metzingen, Germany
 Warstein-Belecke, Germany · Littlehampton, West Sussex, U.K.
 Tachikawa, Japan · Tokyo, Japan · Seoul, South Korea
 Little Island, Cork, Ireland

Other Worldwide Sales and Support Offices

Georgetown, Massachusetts · Milpitas, California
 New Taipei City, Taiwan · Singapore, Shanghai, China
 Xi'an, China · Tel Aviv, Israel · Lockport, New York
 Erstein, France · Mumbai, India · Ballerup, Denmark

Contacts

Advanced Energy World Headquarters

1625 Sharp Point Drive
 Fort Collins, CO 80525 USA
 800 446 9167
 +1 970 221 0108
 sales.support@aei.com

Media

Advanced Energy Industries, Inc.

Christina Liebman
 Director, Corporate Marketing
 +1 970 407 6444
 christina.liebman@aei.com

Investors

Advanced Energy Industries, Inc.

Paul Oldham
 +1 970 407 6615
 paul.oldham@aei.com